

NOUS41 KWBC 121650
PNSWSH

Service Change Notice 18-04
National Weather Service Headquarters Silver Spring MD
1150 AM EDT Fri Jan 12 2018

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From: Dave Myrick
 NWS Office of Science and Technology Integration

Subject: Correction to Global Forecast System (GFS) Model
 Station Time Series in the Binary Universal Form
 for Representation of Meteorological Data (BUFR)
 Output Effective January 10, 2018

Effective on January 10, 2018, beginning with the 1200 Coordinated Universal Time (UTC) run, the National Centers for Environmental Prediction (NCEP) will correct an error in the post-processing component of the hourly GFS station time series precipitation amount of BUFR data.

It was found that hourly total and convective precipitation amounts in the current operational GFS station time series BUFR output are higher than what the model is actually generating at stations. An error was found in the code, and the correction is being implemented. Evaluations were carried out by NWS field offices, and comparisons between the revised BUFR output and model 2D precipitation maps show that the error is corrected in the new version. The only changes are corrections to the total and convective precipitation amounts, so no user actions are required.

Any questions, comments, or requests regarding this implementation should be directed to the contacts below.

Vijay Tallapragada
NCEP/EMC Modeling and Data Assimilation Branch
College Park, MD
301-683-3672
Vijay.Tallapragada@noaa.gov

Jason Levit
NCEP/EMC Verification Post Processing Product Generation Branch
College Park, MD
Jason.Levit@noaa.gov

For questions regarding the data flow aspects, please contact:

Carissa Klemmer
NCEP/NCO Dataflow Team Lead
College Park, MD
301683-0567
ncep.list.pmb-dataflow@noaa.gov

NWS Service Change Notices are online at:

<http://www.weather.gov/om/notif.htm>

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